

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/116,589

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interference of light diffracted from said reflection type relief hologram and the incident light are recorded in said photosensitive material, wherein said reflection type relief hologram comprises a computer generated hologram (CGH).

29. (Three Times Amended) A method of fabricating a hologram-recorded medium which is an imagewise or other pattern-recorded medium comprising a collection of pixels, and in which any one of a plurality of volume type diffraction gratings comprising volume holograms and differing from each other is assigned to at least a part of said pixels, the method comprising:

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stacking a photosensitive material, capable of recording a volume hologram, on a first transmission type hologram,

striking reconstructing illumination light of given wavelength on a side of said first transmission type hologram that is not directly across from said photosensitive material, so that interference fringes produced by interference of light diffracted from said transmission type hologram and reference light incident on said photosensitive material are recorded in said photosensitive material, wherein said transmission type hologram comprises a computer generated hologram (CGH).
